ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499367

Serial No. First & Final bill

Name of Work Asphalting to roads in Tatanagara in ward No. 08, Kadigehalli From

Name of Contractor of nature of Agency Sri. A.S. mani (M/s. S.S. road developers) Bangalore

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost :-	Rs 30.00 lakhs					
	Job code :-	008-19-000151			P-1771		
	work order :-	BBMP/EE/BTP/WO/206/2019-20					Date :- 18-2-2020
	Date of recording :-	23.03.2020					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials & stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base & consoling as per water bound macadam specification including cost of all labours, Hire of machineries complete as per specifications.						
	Qty as per pre measurement vide page 499356 to 499359 of this MB is					1978.00 m²	263074.00
	@ Rs. 133.00/m²						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
2)	providing, laying aggregate to we premixing the ma ical mix plant to site, laying base course on with vibratory Complete as pe

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	75mm	thick	
	king up	scarified	
		materials with	
		the salvaged	
		prepared base	
		dam Specificati	
		of machineries	—
	page	1978.00m²	
	B is		263074=00

/m²

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499368

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2)	providing, laying spreading & compacting graded stone aggregate to wet mix macadam specifications including screening the material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface & compacting with vibratory roller to achive the desired density complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty as per measurement vide page no. 499359 to 61 of this MB is @ Rs. 2001.00 /m³					296.70/m³	593697=00
	3) Cleaning the existing WBM road surface including removing of binding materials & other foreign matter with wire brushes & small picks, sweeping with brooms or soft brushes & finally dusting with old gunny bags & /or compressed air to receive bituminous treatment including cost of all materials, labour, Hire of machineries, curing complete as per specifications.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
	Qty as p 499361 to
	4) providing & appl porosity like ce over prepared su bitumen tanker

BOOK

sions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
vide page no.		296.70/m³	593697=00
.00 /m³			
d surface including oths foreign matter sweeping with brooms ng with old gunny ncluding bituminous l materials, labour mplete as per specifications.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499369

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty as per PSE measurement vide page no. 49936 to 64 of this MB is					1978.00 m² @ ~~Rs 435/6.00/m²~~ @ Rs 22.00/m²	435/6=00
	4) providing & applying primer coat for surface of medium porosity like cement stabilised soil base @ 1.10 kg/sqm over prepared surface with S.S. bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of road surface) including cost of all material, labour, tools machineries complete as per specifications.						
	Qty vide item no (3) is					1978.00 m²	
	@ Rs 46.00/m²						90988=00
5)	providing & laying bituminous macadam on prepared surface using crushed aggregates as per design mix formula for base / binding course including loading of of aggregates with FF loader, hot mixing of stone aggregates & bitumen in hot mix plant, transpo - rting the mixed material in tipper to paver &						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	laying mixed m required level & achieve the de prime / tack coa materials, labour as per specificatio
	Qty a
	page no L

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measureme 8
all material, labour,			
cifications.			
(3) is		1978.00 m²	
.00/m²			90988-00
adium on prepared			
as per design mix			
including loading of			
t mixing of stone			
x plant, transpo			
per to paver &			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499370

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	laying mixed materials with paver finisher to the required level & grade, rolling by power rollers to achieve the desired density, but excluding cost of primer / tack coat including lead, lift & cost of all materials, labour, Hire of machineries complete as per specifications						
	Qty as per pse measurement vide page no 499364 to 66 of this MB is					21.75 m³	
	@ Rs 6172.00/m³						134241-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) providing & laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder & fillers, transporting the hot mix to work site, laying with a paver finisher to the required grade, level & alignment, rolling with smooth wheeled vibratory & tandem rollers to achieve the desired compaction as per specifications						
	8th Cross Tatanagar	1	15.00	$\frac{(6.5+7.1)}{2}$	0.040	4.08	
		1	15.00	$\frac{(7.1+8.0)}{2}$	0.040	4.53	
		1	15.00	$\frac{(8.0+6.1)}{2}$	0.040	4.23	
						12.84	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	11th Cross Tatagagar

BOOK

adth 5	Depth 6	Contents 7	Reference to last Measureme 8
		mous concrete using g, screened with g the hot mix to hes, to the required ith smooth wheeled ieve the desired	
5+7.1)	0.040	4.08	
2			
1+8.0)	0.040	4.53	
2			
0+6.1)	0.040	4.23	
		12.84	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499371

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.00	(6.1+5.4)/2	0.040	3.45	
		1	15.00	(5.4+6.0)/2	0.040	3.42	
	C.F.C. @ 2/18	1	15.00	(6.0+6.6)/2	0.040	3.78	
	R.B. (ಪಾದಚಾರಿ)	1	15.00	(6.6+6.6)/2	0.040	3.96	
		1	6.50	(6.6+4.3)/2	0.040	1.42	
	11th Cross Talagagere	1	15.00	(4.5+5.2)/2	0.040	2.91	
						18.94	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	10.30	$\frac{(5.2+5.4)}{2}$	0.040	2.18	
		1	8.20	$\frac{(3.4+3.7)}{2}$	0.040	1.66	
		1	15.00	$\frac{(5.4+5.2)}{2}$	0.040	3.18	
		1	15.00	$\frac{(5.2+5.8)}{2}$	-0.040	3.12	
		1	18.00	$\frac{(5.2+5.0)}{2}$	0.040	3.67	
		1	6.80	$\frac{(3.1+3.3)}{2}$	0.040	0.87	

C&F.C.

ന.ഗ.(ബാ.ഗ)

ಗ.ಅ.(ಬಾ.ನಿ)

18

BOOK

s		Contents	Reference to last Measureme
adth 5	Depth 6	7	8
+5·4)	0·040	2·18	
2			
+3·7)	0·040	1·66	
2			
4+5·2)	0·040	3·18	
2			
2+5·8)	-0·040	3·12	
2			
·2+5·0)	0·040	3·67	
2			
·1+3·3)	0·040	0·87	
2			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499372

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15·00	(5·2+5·0)/2	0·040	3·06	
		1	15·00	(5·0+4·4)/2	0·040	2·82	
		1	15·00	(4·4+4·7)/2	0·040	2·73	
		1	15·00	(4·7+6·3)/2	0·040	3·30	
		1	15·00	(6·3+7·0)/2	0·040	3·99	

15·90

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	(7.04+7) / 2	0.040	4.11	
		1	7.00	(6.7+6.8) / 2	0.040	1.60	1.89
		1	6.00	(4.7+3.9) / 2	0.040	1.03	
		1	1.40	(9.6+9.0) / 2	0.040	0.52	
		1	3.50	(5.0+3.0) / 2	0.040	0.56	
		1	2.50	(4.0+2.8) / 2	0.040	0.34	
		1	6.80	(3.1+3.3) / 2	0.040	0.87	9.32

C&F.C
21/12
ಕ.ಟ. (ಭಾ.ನ)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2

BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
+67)	0.040	4.11 X	
+68)	0.040	1.60	1.89
+39)	0040	103 X	
+90)	0.040	0.52 X	
+30)	0.040	0.56 X	
+28)	0.040	0.34 X	
+33)	0040	0.87	932

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499373

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	1.00	7.50	0.040	0.30 X	
		1	3.60	(5.8+5.6)/2	0.040	0.82 X	
		1	15.00	(6.5+6.0)/2	0.040	3.69 3.75	
		1	14.00	(6.0+6.6)/2	0.040	3.53	8.4
						79.24	
			Qty limited to			79.12 m³	610569.00

@ Rs 7717.00 /m³

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Road marking with hot applied thermoplastic compound with reflectorising glass beads on bituminous surface providing & laying of hot applied thermoplastic compound 2-5mm thick including reflectorising glass beads as IRC:35. the finished surface to be level, uniform & free from streaks & halos complete as per specifications.						
	8th cross Tatanagar	2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
						12.00	

erial No. .....
ame of Work .....
ame of Contractor of nature of Age
ate of commencement of work .....

Date	Full description, etc, of wo
1	2
	10th cross.

T BOOK

sions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
plastic compound			
bituminous surface			
thermoplastic			
reflectorising glass			
rface to be level,			
s Complete as per			
-	0·10	3·00	
-	0·10	3·00	
-	0·10	3·00	
-	0·10	3·00	

12·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499374

erial No. ..... From..... To.....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	15·00	-	0·10	3·00	
		2	15·00	-	0·10	3·00	
		2	15·00	-	0·10	3·00	
		2	6·50	-	0·10	1·30	
		2	15·00	-	0·10	3·00	
		2	10·30	-	0·10	2·06	
		2	8·20	-	0·10	1·64	
	10 th cross.	2	15·00	-	0·10	3·00	
		2	15·00	-	0·10	3·00	

23·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	18.00	-	0.10	3.60	
		2	6.80	-	0.10	1.36	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	15.00	-	0.10	3.00	
		2	7.00	-	0.10	1.40	
						24.36	
						59.36 m²	
	Qty vide item no. 1						
			Qty limited to			58.00 m²	263328
			@ 45k.rft				

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
8)	Lead for disposal rates by mechani unloading with the engineer in Qty

Clerk

Assistant Executive E
Kodigehalli Sub Di
Yelahanka Zone, B

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	-	0.10	3.60	
	-	0.10	1.36	
	-	0.10	3.00	
	-	0.10	3.00	
	-	0.10	3.00	
	-	0.10	3.00	
	-	0.10	3.00	
	-	0.10	3.00	
	-	0.10	1.40	24.36
			59.36 m²	
			58.00 m²	26332

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499375

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8) Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading & unloading with all leads & lifts as directed by the engineer in charge of the work						
	Qty vide item no. 1					130.00 m³	
	@ Rs 101.00/m³						13130=00
					Sub total		1775547=00

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				GST @ 12%		213066-00	
	Grand total					198863-00	

CERTIFICATE:-

1) The contractor has done the work satisfactorily.

2) There is no any departmental issues with the contractor.

3) The contractor has removed all debris from work spot.

Contractor

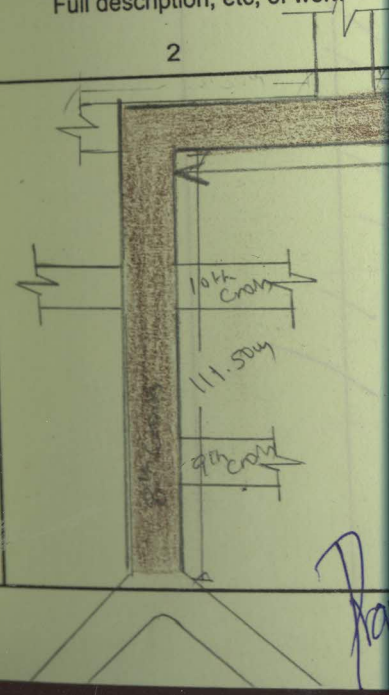
JE 28/03/2025

Assistant Executive Engineer,
Division,
Yelahanka,
S.B.M.P.,
Bangalore.

28/3/25

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2



ENT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			GST @ 12-1/2	
			213066=00	
			1988613=00	
			work satisfactody.	
			issues with the contractor.	
			debries from work spot.	

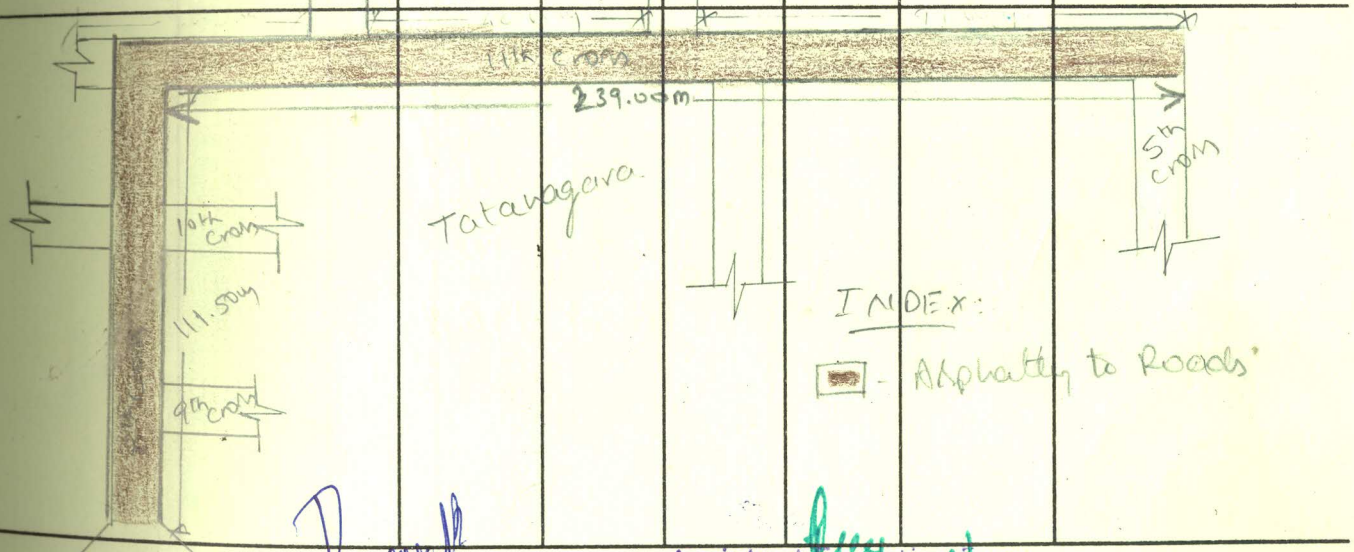
Executive Engineer,
Sub Division,
B.B.M.P.,
Bangalore.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499376

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
							

JE WS 23/03/2010

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

1st & final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

ಲೆಕ್ಕತೀರ್ಪಿಕೆ P1771 - POW ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1988600/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 77273/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 1911327/- ಗಳನ್ನು

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಭಾಗ ನಿರ್ವಾಹಕರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

ಸಹಾಯಕ ಅಭಿಯಂತರರು 21/05
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Chandrakala

			TTB	1988600			
			I+	19886			
			Cur	17756			
			Sent	17756			
			Cen	19886			
			CB12	1989			
			Ded.	77273			
			Chene	1911327			

Serial No. .....
Name of W .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2